BIOCHIMIE — NOVEMBRE-DÉCEMBRE 1984, 66, nº 11/12

Table des mots-clés

Acclimatation au froid 569
Acétylcholinestérase 59, 203
β-*N*-acetylhexosaminidase 292
β-*N*-acétylgalactosaminidase 292
N-acétylglucosamine 319
β-*N*-acétylglucosaminidase 292
Acides aminés 451, 461
" gras 223
" oxolinique 693
Activité enzymatique 371
" glycérokinasique 569
" des phosphatases de la caséine 497
Adaptation au froid 573
Agents cicatrisants 419
Agrobacterium tumefaciens 547
Albumine 701
Alcaloïdes 31
Allostérie 121
Aloes vahombe 563
Aminopeptidases (*L*-leucine) 173
Aminooxyacétate 353
AMP cyclique 135
Anthracycline 333
Antigène de surface 403
Ascorbate 445
Aspartate carbomoyltransférase 121

Bactérie sulfato-réductrice 93
Bile (foie de rat) 215
Biréfringence électrique 111
Butyrylcholinestérase 236

Carbohydrate 161
Cardiotoxicité 333
Catécholamine 135
Cellule L de souris 701
Cerveau de rat 531
Changement conformationnel 111
Chromatographie d'échange d'ions 461
" d'immunoaffinité 413
Cinétique 437
Clivage restreint 653
Clonage 673
Cnestis glabra 557
^{13}CNMR 563
Codons initiateurs 1
Colipase 413, 663
" immobilée 663
" modifiée par le DMMA 663
Complexes ternaires 429
Composés cationiques 717
Conformation 251
Connaraceae 557
Constante de dissociation 663
Contrôle par le produit de réaction 127
Corrélation angulaire perturbée 429
Courant potassique 135
Cristallisation 179
Cristaux 179
Cystéine protéinase 609
Cytochrome C_3 93
" P-450 583
" b_5 583
" cd_1 259
Cytoplasme 483, 639

Daunorubicine 333
D-β-hydroxybutyrate apodéshydrogénase 717
Déclin d'anisotropie 631
Dégradation extensive 653
Deinococcus radiodurans 319
Dénitrification 259
Densité cellulaire 445
Dérivés mercurés 645
Désaminase (*L*-Thréonine) 43
" (*L*-Sérine) 43
Diffusion de rayons-X en solution 121
|^{3}H| dihydroalprenolol 573
DNA 87
" chromosomal de *E. coli* 693
" Gyrase 693
" (méthylation) 701
" polymérase I d'*E. coli* 115
" (réplication) 591
cDNA 395, 539
Détermination de poids moléculaires 49
2,3-diphosphoglycérate .....
Doxorubicine 333

Ectosialyltransférase 493
Effet synergique 711
EGF 515
Electrophorèse 451, 461
" d'affinité 236
Ellipticine 591
Empreintes 625
Enolase 723
Enzymes microsomaux 583
" mnémonique 115
Erythroagglutine 487
Erythrocytes 497, 617
Exonucléase 115
Expression de protéines hybrides 153
Extention par amorçage 673

Facteurs de croissance 419
Ferrédoxine 93
Fibrine 81
Fibrinogène 81
Fibroblastes humains 445

Fibronectine 437
Filtration sur gel 451
Flavodehydrogenase 127
Fluorimétrie impulsionnelle 631
Forme B 87
Formes enzymatiques 292
Forme Z 87, 101
Fructose 445
Fusion cellulaire 681
Gélification d'actine 531
Gène codant pour le cytochrome b_2 153
" 4 du TL-DNA 547
Glucomannane 563
Glucosamine 319
γ-Glutamyltranspeptidase 71
Glutathion 71
Glycophospholipides 319
Glycoprotéines 223
Graine de colza 483

Hématies 385
Hemolymphe 487
Héparine-agarose 505
Hépatome de rat 701
Heterometrus bengalensis 487
Hexosaminidase 292
Hybride somatique 701
Hybridation moléculaire 601
Hydrolyses partielles 563
Hypochromisme 101

Ilôts pancréatique 353, 723
Immunologie 161
III_{In} 429
Inhibition de la synthèse protéique 557
Initiation de la traduction 1
Interaction 93, 333
" avec le DNA 31
" protéine-protéine 305
" protéine-tRNA 625
Intercalations 31
Internalisation 515
Isoenzymes de la phosphoglucomutase 617

Kinase 515

Lécithine 216
Lectines 59
LDL sous-unités 161
L-leucine 353
Levure 583
" de bière 639
Liaison à la corticostérone 361
Lipase 663
Lipides 319
Liposome 437
Lymphocyte 203
Lysolécithine 223
" -acyltransférase 215
Lysosome 609

Mais 451, 461
Mannosyl-Q transférase 579
Masse molaire 451
Membranes 319
" plasmique 203
Met-tRNA synthétase 625
Micelles 663
Microsomes 223
Microtubule 305
Monomères de fibrine 81
Muscle de rat 609

Neurotoxin 557
Nicotiana sylvestris 539
Nitrite-réductase 259, 313
L-norleucine 353
5'-nucléotidase 59
Nucléotides cycliques 139
" " phosphodiestérase 139

Ontogénèse 497
Oocyte *(Xenopus laevis)* 579
Organe de distribution 437
Orientation magnétique 81
Ovocyte de Xénope 135
Oxyde azoteux 313
Oxyde azotique 259, 313

Pancréas de poulet 413
Paramecium primaurelia 403
Pénétration 105
" cellulaire 437
Pepsine bovine 371
Pharmacodynamique 711
3-phénylpyruvate 353
Phosphatases protéiques 497
Phosphofructokinase 49
Phosphoglycérate 2,3-mutase 723
Phospholipides 105
Phosphorylation 371, 515
Plante 539
pO_2 583
Poly (dG-dC). Poly (dG-dC) 87
Polyamines 385
Polymères mercurés 645
Polymérisation 81, 477, 645
Polymorphisme cellulaire 59
Polynucléotides 101
Pontage 236
" (s) chimiques 49
Ponts disulfures 105
Potentiels redox 127
ppUHgX ou pUHgX 646
Procolipase 413
Produits anti-microtubulaires 477
Prolidase 445
Propriétés physicochimiques 361
" cinétiques 617
Protéase 173, 653
Protéines 395
" hybrides de la β-galactosidase 547
" fer-soufre 77
" tau 305
Protéolyse intracellulaire 653

Purification d'actine 531
" d'enzyme 49

Radiation 319
Rats zucker 569
Réactivation 717
Récepteurs 515
Récepteurs β-adrénergiques 573
" à glucocorticoïdes 505
Réceptosome 515
Recombinaison homologue 681
Régime hyperprotidique 43
Régulation et dosage SSB et RECA 471
Relecture 115
Réponse effet-dose 711
Résistance 333
Ribonucléases 625
Ribosome 251
" de mammifères 111
Ribulose biphosphate carboxylase 539
RMN 93
RNA 395
" messager 403
" messagers 601
mRNA 539, 673
R.P.E. 77

Saccharose 251
Scorpion 487
Sécrétion d'insuline 353
Séquence 395
" de Shine et Dalgarno 1
Sialylation membranaire 493
Sialyltransférase 223
Signal RPE sémiquinonique 127
Site d'attachement ribosomal 1, 547
Soman 236
Spectrine 305
Spectroscopie infrarouge 87
" Raman de résonance des polynu-
" cléotides dans l'UV 101

Structure primaire 93
" " de tRNA 579, 639
" du RNA messager 1
Substances intercalées 591
Système de régulation S.O.S. 471
Stabilité 251

Temps de relaxation 77
Thrombine 105
Tissus adipeux 569
" " brun 573
Traduction *in vitro* 403
Transcortine de rat 361
Transférase (mannosyl-Q) 579
Transfection 681
Transferrine 429
Transformation 505
" cellulaire 681
" de Fourier rapide 121
Transport des protéines mitochondriales 153
Triiodothyronine 601
tRNA 179
" (structure primaire) 483
$tRNA^{Asa}$ 639
$tRNA^{Asp}$ 579
$tRNA_f^{Met}$ 625
$tRNA_m^{Met}$ 625
$tRNA^{Phe}$ 483
Tubuline 477

Vacuoles 71
L-valine 353
Variants électrophorétiques 361
Vecteur lambda gt11 153
Vieillissement 236
Virus de plante 395
" polyome 681

Zéine 451, 461

BIOCHIMIE — NOVEMBRE-DÉCEMBRE 1984, 66, n° 11/12

Key-word table

Accuracy 631
Acétylcholinesterase 60, 203
β-N-*acetylgalactosaminidase* 292
N-*acetylglucosamine* 319
β-N-*acetylglucosaminidase* 292
β-N-*acetylhexosaminidase* 292
Acids (fatty) 223
" *(oxolinic)* 693
Affinity electrophoresis 236
Agents (wound healing) 419
Aging 236
Agrobacterium tumefaciens 547
Alkaloids 31
Allostery 121
Aloe vahombe 563
Amino acids 451, 461
Aminooxyacetate 353
AMP (cyclic) 135
Anisotropy Decay 631
Anthracycline 333
Antigen (surface) 403
Antimicrotubular drugs 477
Aspartate carbomoyltransferase 121

Bacteria (sulfate reducing) 93
Bile (rat liver) 215
Birefringence 111
Butyrylcholinesterase 236

Carbohydrate 161
Cardiotoxicity 333
Catecholamine 135
Cationic surfactants 717
Cell density 445
" *fusion* 681
Cellular polymorphism 60
Chromatography (immunoaffinity) 413
" *(ion exchange)* 4-1
Clivage (limited) 653
Cloning 673
Cnestis glabra 557
^{13}*CNMR* 563
Codons (initiatory) 1
Cold acclimatatation 569, 573
Colipase 413, 663
" *(DMMA-modified)* 663
" *(immobilized)* 663
Complexes (ternary) 429
Control by reaction product 127
Conformation 251
Conformational change 111
Connaraceae 557
Correlation (perturbed angular) 429
Corticosterone binding 361
Crosslinking 49, 236
Crystallization 179
Crystals 179
Cysteine proteinase 609
Cytochrome b_5 583
" b_2 *gene* 153
" c_3 93
" cd_1 259
" *p-450* 583
Cytoplasm 483, 639

Daunorubicin 333
Deamininase (L-serine) 44
" *(L-threonine)* 44
Degradation (extensive) 653
Deinococcus radiodurans 319
DNA 87
" (E. coli *chromosomal)* 693
" *Gyrase* 693
" *interaction* 31
" *methylation* 701
" *polymerase I* (E. coli) 115
" *replication* 592
cDNA 395, 539
TL-DNA gene 4 548
D-β-*hydroxybutyrate dehydrogenase* 717
Denitrification 259
Derivative (mercury) 645
| ^{3}H | *dihydroalprenolol* 573
2,3-diphosphoglycerate 723
Dissociation constant 663
Disulfide bridges 105
Dose—response—curve—fitting 711
Doxorubicin 333
Drugs (intercalative) 591

Ectosialyltransferase 493
EGF 515
Electrophoresis 451, 461
Ellipticine 591
Enolase 723
Enzyme forms 292
Enzyme (mnemonic) 115
" *purification* 49
" *(s) (microsomal)* 583
Enzymatic activity 371
E.P.R. 77
Erythroagglutinin 487
Erythrocytes 497, 617
Exonuclease 115

Ferrodoxin 93
Fibrin 81
" *monomers* 81
Fibrinogen 81
Fibroblasts 445

Fibronectin ... 437
Flavodehydrogenase ... 127
Footprinting ... 625
Force field ... 87
(B) form ... 87
(Z) form ... 87, 101
Fructose ... 445
Fusion (cell) ... 681

Gel filtration ... 451
Glucomannan ... 563
Glucosamine ... 319
Glutamyltranspeptidase ... 71
Glutathione ... 71
Glycerokinase activity ... 569
Glycophospholipids ... 319
Glycoproteins ... 223
Growth factors ... 419
Guinea pig ... 44

Heart ... 601
Hemolymph ... 487
Heparin-agarose ... 505
Heterometrus bengalensis ... 487
Hexosaminidase ... 292
High protidic diet ... 44
Hybrid protein expression ... 153
Hydrolyses (partial) ... 563
Hybridization (molecular) ... 601
Hypochromism ... 101

Immunology ... 161
III_{In} ... 429
Inhibition (protein synthesis) ... 557
Initiation (translation) ... 1
Interaction ... 93
" *(protein-protein)* ... 305
Intercalation ... 31
Internalization ... 515
Isœnzymes ... 617

Kinase ... 515

LDL subunits ... 161
Lecithin ... 215
Lectins ... 60
L-leucine ... 353
" *aminopeptidase* ... 173
Lipase ... 663
Lipids ... 319
Liposome ... 437
Liver ... 44
" *(pig)* ... 173
Lymphocyte ... 203
Lysolecithin ... 223
Lysolecithin-acyltransferase ... 215
Lysosome ... 609

Maize ... 451, 461
Membrane (plasma) ... 203
" *(s)* ... 319
Micelles ... 663
Microsomes ... 233
Microtubule ... 305
" *(s)* ... 477
Mitochondrial protein (imported) ... 153
Molecular hybridation ... 601
" *weight* ... 451
" " *determination* ... 49
Mouse L cell ... 701
Muscle (rat) ... 609

Neurotoxin ... 557
Nicotiana sylvestris ... 539
Nitrite-reductase ... 259, 313
NMR ... 93
L-norleucine ... 353
5'-nucleotidase ... 60
Nucleotide phosphodiesterase (cyclic) ... 139
" *(s) (cyclic)* ... 139

Ontogenesis ... 497
Organ distribution ... 437
Orientation (magnetic) ... 81
Oxide (nitric) ... 259, 313
" *(nitrous)* ... 313

Pancreas (chicken) ... 413
Panceatic islets ... 353,
Paramecium primaurelia ... 403
Penetration ... 105
" *(cell)* ... 437
Pepsin A (bovine) ... 371
Pharmcodynamic ... 723
3-phenylpyruvate ... 353
Phosphatase activity (casein) ... 497
Phosphofructokinase ... 49
Phosphoglucomutase isoenzymes ... 617
Phosphoglycerate 2,3-mutase ... 723
Phospholipids ... 105
Phosphorylation ... 371
" *(tyrosine)* ... 515
Plant ... 539
pO2 ... 583
Poly(dG-dC).poly(dG-dC) ... 87
Polyamines ... 385
Polymerization ... 81, 477, 645
Polymers (mercurated) ... 645
Polynucleotides ... 101
Potassium current ... 135
ppUHX ou pUHgX ... 645
Primer — extension ... 673
Procolipase ... 413
Prolidase activity ... 445
Properties (physico-chemical) ... 361
" *(kinetic)* ... 617
Protease ... 178, 653
Protein ... 395
" *(iron sulfur)* ... 77
" *synthesis inhibition* ... 557
" *phosphatases* ... 497
" *-protein interaction* ... 305
" *(tau)* ... 305
" *(s) (β-galactosidase fusion)* ... 548
Proofreading ... 115

Proteolysis (intracellular) 653
Pulse fluorimetry 631
Radiation 319
Rat hepatoma 701
" *transcortin* 361
Reactivation 717
Receptor (glucocorticoid-) 505
Receptor 515
" *(adrenergic)* 573
Recombination (homologous) 681
Red blood cells 385
Redox potentials 127
Regulation (down) 515
Relaxation time 77
Release (insulin) 353
Resistance 333
Ribonucleases 625
Ribosome 251
Ribosome binding site 548
Ribosomes (mammalian) 111
Ribulose bisphosphate carboxylase 539
RNA 395
" *(messenger)* 601
" *(s) (messenger)* 403
mRNA 539, 673
" *(structure)* 1
met-tRNA Synthetase 625
tRNA 179
$tRNA^{Asa}$ 639
$tRNA_f^{Met}$ 625
$tRNA_m^{Met}$ 625
$tRNA^{Phe}$ 483
tRNA (primary structure) 483
$tRNA/tRNA^{Asp}$ 579
tRNA (protein-) interaction 625

Scorpion 487
Sequence 395
" *(Shine-Dalgarno)* 1
Serum albumin 701
Sialylation (cell surface) 493
Sialyltransferase 223
Signal (EPR semiquinone) 127
Site (ribosome binding) 1
Solution X-ray scattering 121
Soman 236
Somatic hybrids 701
Spectrin 305
Spectroscopy (infrared) 87
" *(ultraviolet resonance Raman)* 101
SOS repair system 471
SSB and RECA regulation 471
" " *quantification* 471
Stability 251
Sucrose 251
Synergism 711

Trombin 105
Tissues (adipose) 569
" *(browm adipose)* 573
Transfection 681
Transferase (mannosyl-Q) 579
Transferrin 430
Transform (fast Fourier) 121
Transformation 505, 681
Translation initiation 1
Translation (in vitro) 403
Triiodothyronine 601
Tubulin 477

Vacuoles 71
L-valine 353
Variants (electrophoretic) 361
Vector (lamda gt11) 153
Virus (plant) 395
" *(polyoma)* 681

Yeast 71, 583
" *(brewer's)* 639

Xenopus *oocyte* 135, 579

Zein oocyte 451
Zucker rats 569

BIOCHIMIE — NOVEMBRE-DÉCEMBRE 1984, 66, nº 11/12

Table des auteurs du tome LXVI de *BIOCHIMIE*

ACCORSI, A. — (Voir P. NINFALI *et al.*) 617

AGARWAL, O.P. — (Voir P.S. BASU *et al.*) 487

ALESSANDRI, J.-M., C. LÉGER and N. MAHÉ. — Further results on lipase-colipase interactions studied by affinity chromatography 663

ANDRIAMIHAJA, M. — (Voir R. BERTIN *et al.*) 569

AUBEL-SADRON, G. and D. LONDOS-GAGLIARDI. — Daunorubicin and doxorubicin, anthracycline antibiotics, a physicochemical and biological review 333

AYRAULT-JARRIER, M. — (Voir S. SALMON *et al.*) 159

BABIĆ, M. — (Voir I. JAPUNDŽIĆ *et al.*) 497

BADOR, H., R. MORELIS and P. LOUISOT. — Temperature dependence of membranous and solubilized sialyltransferase activities in the presence of 1-palmitoyl- *sn*- glycero-3-phosphorylcholine and fatty acids 223

BARCISZEWSKA, M., J. BARCISZEWSKI, M. WIEWIOROWSKI, G. DIRHEIMER and G. KEITH. — Conservation of plant cytoplasmic tRNA structure. Nucleotide sequence of rape $tRNA^{Phe}$ 483

BARCISZEWSKI, J. — (Voir M. BARCISZEWSKA *et al.*) 483

BARRITAULT, D. — (Voir J. COURTY *et al.*) 419

BASU, P.S., P.K. DATTA, O.P. AGARWAL, M.K. RAY and T.K. DATTA. — Purification and partial characterization of an erythroagglutinin from the hemolymph of scorpion, *Heterometrus bengalensis* 487

BECHIS, G. — (Voir I. BOSC-BIERNE *et al.*) 413

BÉJAR, S. and J.P. BOUCHÉ. — The spacing of *Escherichia coli* DNA gyrase sites cleaved *in vivo* by treatment with oxolinic acid and sodium dodecyl sulfate 693

BEREZIAT, G. — (Voir O. COLARD *et al.*) 215

BERNARD, S. — (Voir P. BLANCHARDIE *et al.*) 505

BERNARD, S. — (Voir K. MEFLAH *et al.*) 59

BERREZ, J.M., N. LATRUFFE and Y. GAUDEMER. — The essential cationic change of phospholipid polar head in the reactivation of D-β-hydroxyburate apodéhydrogenase revealed by cationic surfactants 717

BESSIÈRES, P. and Y. HENRY. — Stoichiometry of nitrite reduction catalyzed by *Pseudomonas aeruginosa* nitrite-reductase 313

BERTIN, R., M. ANDRIAMIHAJA, R. PORTET. — Glycerokinase activity in brown and white adipose tissues of cold-adapted obese Zucker rats 569

BERTRAND, J.-C., G. MATTEI, C. PARRA, R. GIORDANI and M. GILEWICZ. — Influence of oxygen on the microsomal electron transport system in *Saccharomyces cerevisiae* 583

BERTRAND, P., B. GUIGLIARELLI, J. MEYER and J.-P. GAYDA. — Characterization of three iron ferredoxins by microwave power saturation 77

BEUCKELEER, de M. — (Voir L. SIBOLD *et al.*) 547

BLANDIN, M. and J.L. DROCOURT. — Enzymatic polymerization of 5-mercuriuridine-5′-diphosphate with polynucleotide phosphorylase from *E. coli* 645

BLANQUET, S. — (Voir H.U. PETERSEN *et al.*) 625

BOUCHÉ, J.P. (Voir S. BÉJAR *et al.*) 693

BOURGARIT, J.-J. and S. CHOLIN. — A method facilitating the demonstration of synergism in the tissue-responses to mixed peptide stimuli 711

BUCKINGHAM, R.H. — (Voir H.U. PETERSEN *et al.*) 625

CABEZAS, J.A. — (Voir E. VILLAR *et al.*) 291

CACAN, R. — (Voir M. DUC DODON *et al.*) 493

CALVO, P. — (Voir E. VILLAR *et al.*) 291

CAPRASSE, M. and C. HOUSSIER. — Physico-chemical investigation of the mode of binding of the alkaloids 5,6-dihydroflavopeirine and sempervirine with DNA 31

CARBONNEAU, M.-A., N. REBEYROTTE and P. REBEYROTTE. — Polar lipids from the radiation resistant bacterium *Deinococcus radiodurans* : Structural investigations on glucosaminyl and *N*-acetyl glucosaminyl lipids.... 319

CARLIER, M.-F., C. SIMON, R. CASSOLY and L.-A. PRADEL. — Interaction between microtubule-associated protein tau and spectrin..... 305

CARON, F. — (Voir E. MEYER *et al.*) 403

CASSOLY, R. — (Voir M.F. CARLIER *et al.*) 305

CAYE-VAUGIEN, C. — (Voir J.-P. SINE *et al.*) 203

CAZIN, M. — (Voir M.L. MALLEVAIS *et al.*). 477

CECCHELLI, R. — (Voir M. DUC DODON *et al.*) .. 493

CEDERGREN, R. — (Voir E. HAUMONT *et al.*) 579

CHABOT, J.-G. — (Voir R. St-ARNAUD *et al.*) 515

CHAFFOTTE, A.F., M. LAURENT, M. TIJANE, A. TARDIEU, C. ROUCOUS, F. SEYDOUX and J.-M. YON. — Studies on the structure of yeast phosphofructokinase 49

CHARPENTIER, C. — (Voir I. MYARA *et al.*) 445

CHIARANTINI, L. — (Voir P. NINFALI *et al.*) 617
CHINSKY, L. — (Voir B. JOLLÈS *et al.*) 101
CHOLIN, S. — (Voir J.-J. BOURGARIT *et al.*)..... 711
CLARK, B.F.C. — (Voir H.U. PETERSEN *et al.*) 625
COFFE, G. — (Voir N. LEVILLIERS *et al.*) 531
COLARD, O., M. BRETON, R. INFANTE, G. BEREZIAT and J. POLONOVSKI. — 1-acyl-lysolecithin acyltransferase and synthesis of biliary lecithins in rat liver..... 215
COURTOIS, Y. — (Voir J. COURTY *et al.*) 419
COURTY, J., Y. COURTOIS and D. BARRITAULT. — Propriétés *in vitro* de quelques facteurs de croissance et effets *in vivo*..... 419
CREPPY, E.-E. — (Voir V.L.R. JEANNODA *et al.*).. 557

DAGORN, J.-C. and R.J. MacDONALD. — Cloning cDNAs corresponding to the 5′ end of messenger RNAs using specific DNA primers 673
DATTA, P.K. — (Voir P.S. BASU *et al.*) 487
DATTA, T.K. — (Voir P.S. BASU *et al.*) 487
DAUTREVAUX, M. — (Voir G. FAVRE *et al.*) 361
DELACOURTE, A. — (Voir M.L. MALLEVAIS *et al.*) 477
DELORI, P. — (Voir I. BOSC-BIERNE *et al.*) 413
DIRHEIMER, G. — (Voir M. BARCISZEWSKA *et al.*) 483
DIRHEIMER, G. — (Voir V.L.R. JEANNODA *et al.*) 557
DOCK, A.-C., B. LORBER, D. MORAS, G. PIXA, J.-C. THIERRY and R. GIÉGÉ. — Crystallization of transfer ribonucleic acids..... 179
DORIZZI, M. — (Voir C. PAPANICOLAOU *et al.*).... 115
DROCOURT, J.L. — (Voir M. BLANDIN *et al.*) 645
DUBOST, S. — (Voir A.-M. REBOUD *et al.*) 251
DUC DODON, M., R. CECCHELLI, R. CACAN, L. GAZZOLO and A. VERBERT. — Viral neuraminidase and cellular ectosialyltransferase in human lymphoblastoid cells infected with influenza virus 493
DUMAS, C. — (Voir F.A. REY *et al.*) 121
DUMUR, V. — (Voir G. FAVRE *et al.*)..... 361
DUQUE-MAGALHÃES, M.C. — La protéolyse intracellulaire 653
DUROSAY, P. — (Voir A.M. MICHELSON *et al.*).... 437
DURR, A. — (Voir M. PINCK *et al.*) 539

FAVRE, G., F. LE GAILLARD, M.H. MATTRET-TURRION, V. DUMUR and M. DAUTREVAUX. — Physico-chemical properties and evidence for electrophoretic variants of rat transcortin 361
FAZI, A. — (Voir P. NINFALI *et al.*) 617
FLECK, J. — (Voir M. PINCK *et al.*) 539
FORNAINI, G. — (Voir P. NINFALI *et al.*)..... 617
FREYSSINET, J.-M., J. TORBET and G. HUDRY-CLERGEON. — Fibrinogen and fibrin in strong magnetic fields. Complementary results and discussion 81

GAUDEMER, Y. — (Voir J.-M. BERREZ *et al.*) 717
GAUTIER, M. — (Voir I. MYARA *et al.*..... 445
GAYDA, J.-P. — (Voir P. BERTRAND *et al.*) 77
GAZZOLO, L. — (Voir M. DUC DODON *et al.*)..... 493
GENEST, D. and J.P. PRIVAT. — A method for deciding whether two experimental fluorescence anisotropy decay curves are significantly different..... 631
GHOMI, M., J.A. TABOURY and E. TAILLANDIER. — Experimental and calculated study of the vibrational modes of poly(dG-dC).poly (dG-dC) in B and Z conformations..... 87
GIÉGÉ, R. — (Voir A.-C. DOCK *et al.*)..... 179
GILEWICZ, M. — (Voir J.-C. BERTRAND *et al.*) 583
GIORDANI, R. — (Voir J.-C. BERTRAND *et al.*) 583
GRAS, M.-P. — (Voir M.-J. VILAREM *et al.*) 591
GREN, E.J. — Recognition of messenger RNA during translational initiation in *Escherichia coli* 1
GROSJEAN, H. — (Voir E. HAUMONT *et al.*)..... 579
GUERLESQUIN, F., M. BRUSCHI and G. BOVIER-LAPIERRE. — Electron transfer mecanism and interaction studies between cytochrome C_3 and ferredoxin 93
GUIARD, B. and J.-M. BUHLER. — Yeast cytochrome b_2 gene : isolation with antibody probes 151
GUIARD, B. — (Voir E. MEYER *et al.*) 403
GUIGLIARELLI, B. — (Voir P. BERTRAND *et al.*).... 77
GUILLEY, E. — (Voir M. PINCK *et al.*)..... 539
GUISO, N. — (Voir L. SIBOLD *et al.*) 547
GUYON, P. — (Voir J. LANDRY *et al.*) I et II 451, 461

HAREL, J. — (Voir M. RAYMONDJEAN *et al.*)..... 601
HAUMONT, E., K. NICOGHOSIAN, H. GROSJEAN and R. CEDERGREN. — The nucleotide sequence of mannosyl-Q- containing $tRNA^{Asp}$ from *Xenopus laevis* oocyte 579
HENRY, Y. and P. BESSIÈRES. — Denitrification and nitrite reduction : *Pseudomonas aeruginosa* nitrite-reductase 259
HENRY, Y. — (Voir P. BESSIÈRES *et al.*)..... 313
HOFF, M. — (Voir M. PINCK *et al.*)..... 539
HOUTONDJI, C. — (Voir H.U. PETERSEN *et al.*).... 625
HOUSSIER, C. — (Voir M. CAPRASSE *et al.*) 31
HUDRY-CLERGEON, G. — (Voir J.-M. FREYSSINET *et al.*) 81

INFANTE, R. — (Voir O. COLARD *et al.*) 215

JANOT, J.-M. — (Voir M. TEGONI *et al.*) 127

JAPUNDŽIĆ, I., M. BABIĆ and M. JAPUNDŽIĆ. — Ontogenetic changes in protein dephosphorylating activity of the cytosolic compartment of rat erythrocytes 497

JAPUNDŽIĆ, M. — (Voir I. JAPUNDŽIĆ *et al.*) 497

JASPERS, C.J. and M.J. PENNINCKX. — Glutathione metabolism in yeast *Saccharomyces cerevisiae*. Evidence that γ-glutamyl-transpeptidase is a vacuolar enzyme 71

JEANNODA, V.L.R., E.E. CREPPY and G. DIRHEIMER. — Isolation and partial characterization of glabrin, a neurotoxin from *Cnestis glabra (Connaraceae)* root barks 557

JOLLÈS, B., L. CHINSKY et A. LAIGLE. — Spectroscopie Raman de résonance des polynucléotides 101

KATINKA, M. — Rescue of silent integrated polyoma genomes suggests homologous recombination between resident and transfected DNA fragments..... 681

KEITH, G. and G. PIXA. — The nucleotide sequence of asparagine tRNA From brewer's yeast 639

KEITH, G. — (Voir M. BARCISZEWSKA *et al.*)..... 483

KRUH, J. — (Voir M. RAYMONDJEAN *et al.*) 601

LABEYRIE, F. — (Voir M. TEGONI *et al.*) 127

LABRIE, F. — (Voir R. St-ARNAUD *et al.*) 515

LAIGLE, A. — (Voir B. JOLLÈS *et al.*) 101

LANDRY, J. and P. GUYON. — Zein of maize grain : I — isolation by gel filtration and characterization of monomeric and dimeric species 451

LANDRY, J. and P. GUYON. — Zein of maize grain : II — the charge heterogeneity of free subunits 461

LARSEN, C.-J. — (Voir M.-J. VILAREM *et al.*) 591

LATRUFFE, N. — (Voir J.-M. BERREZ *et al.*) 717

LAURENT, M. — (Voir A.F. CHAFFOTTE *et al.*) 49

LE CALVE, M. — (Voir J.P. MOULINOUX *et al.*) .. 385

LE COMTE, V. — (Voir C. SENAULT *et al.*)..... 573

LECOMPTE, M.-F. — Interaction of α-thrombin and prethrombin 2, with phosphatidylserine-containing monolayers 105

LEFLON, P. — (Voir O. VINCENT-FIQUET *et al.*).... 43

LE GAILLARD, F. — (Voir G. FAVRE *et al.*)..... 361

LEGENDRE, J.M., A. TURZO, J.F. MORIN et P.P. MORIN. — Influence du pH et de l'anion de liaison sur l'interaction In^{3+}-transferrine : étude spectroscopique de la corrélation angulaire perturbée des raies γ 172-245-keV de l'indium 111 429

LÉGER, C. — (Voir J.-M. ALESSANDRI, *et al.*) 663

LEIBOVITCH, M.-P. — (Voir M. RAYMONDJEAN *et al.*) 601

LEIBOVITCH, S.-A. — (Voir M. RAYMONDJEAN *et al.*) 601

LEMONNIER, A. — (Voir I. MYARA *et al.*) 445

LESIEUR, D. — (Voir M.L. MALLEVAIS *et al.*) 477

LESIEUR, I. — (Voir M.L. MALLEVAIS *et al.*) 477

LEVILLIERS, N., M. PERON-RENNER, G. COFFE and J. PUDLES. — Actin purification from a gel of rat brain extracts 531

LOMBARD, J.-Y. — (Voir P. MASSON *et al.*)..... 235

LONDOS-GAGLIARDI, D. — (Voir G. AUBEL-SADRON *et al.*)..... 333

LORBER, B. — (Voir A.-C. DOCK *et al.*)..... 179

LOUISOT, P. — (Voir H. BADOR *et al.*)..... 223

LUSTENBERGER, P. — (Voir P. BLANCHARDIE *et al.*) 505

LUYCKX, M. — (Voir M.L. MALLEVAIS *et al.*)..... 477

MacDONALD, R.J. — (Voir J.-C. DAGORN *et al.*)

MAHÉ, N. — (Voir J.-M. ALESSANDRI, *et al.*) .....

MALAISSE, W.J. — (Voir F. MALAISSE-LAGAE *et al.*) 723

MALAISSE, W.J. — (Voir A. SENER *et al.*) 353

MALAISSE-LAGAE, F., A. SENER and W.J. MALAISSE. — Hexose metabolism in pancreatic islets. Phosphoglycerate 2,3-mutase and enoblase activities in rat islets 723

MALLEVAIS, M.L., A. DELACOURTE, I. LESIEUR, D. LESIEUR, M. CAZIN, Cl. BRUNET and M. LUYCKX. — 2-(4-methyl-1-piperazinylmethyl) acrylophenone dihydrochloride : a new antimicrotubular drug 477

MARION, C. — (Voir M.-J. MARION *et al.*) 111

MARION, M.-J. and C. MARION. — Electric birefringence of eukaryotic ribosomes..... 111

MARNOT, B. — (Voir P. MASSON *et al.*)..... 235

MARTIN, P. — Influence du degré de phosphorylation de la pepsine A bovine sur son activité enzymatique 371

MASSON, P., B. MARNOT, J.Y. LOMBARD et P. MORELIS. — Etude électrophorétique de la butyrylcholinestérase âgée après inhibition par le soman..... 235

MASSOULIÉ, J. — (Voir K. MEFLAH *et al.*)..... 59

MATTEI, G. — (Voir J.-C. BERTRAND *et al.*) 583

MATTRET-TURRION, M.H. — (Voir G. FAVRE *et al.*) 361

MEFLAH, K., S. BERNARD and J. MASSOULIÉ. — Interactions with lectins indicate differences in the carbohydrate composition of the membrane-bound enzymes acetylcholinesterase and 5-nucleotidase in different cell types..... 59

MEYER, E., F. CARON and B. GUIARD. — Blocking of *in vitro* translation of *Paramecium* messenger RNAs is due to messenger RNA primary structure 403
MEYER, J. — (Voir P. BERTRAND *et al.*) 77
MICHELSON, A.M., K. PUGET and P. DUROSAY. — Studies on human fibronectin and liposomal encapsulated forms in rats and rabbits 437
MONNERET, C. — (Voir F. RADJABI-NASSAB *et al.*) 563
MORAS, D. — (Voir A.-C. DOCK *et al.*) 179
MORELIS, P. — (Voir P. MASSON *et al.*) 235
MORELIS, R. — (Voir H. BADOR *et al.*) 223
MORIN, J.F. — (Voir J.M. LEGENDRE *et al.*) 429
MORIN, P.P. — (Voir J.M. LEGENDRE *et al.*) 429
MOULINOUX, J.-P., M. LE CALVE, V. QUEMENER and G. QUASH. — *In vitro* studies on the entry of polyamines into normal red blood cells 385
MYARA, I., C. WOLFROM, C. CHARPENTIER, M. GAUTIER and A. LEMONNIER. — Relationship between cell density and prolidase activity in human skin fibroblasts : effects of ascorbate and fructose 445

NEMOZ, G. et A.-F. PRIGENT. — La nucléotide cyclique phosphodiestérase chez les vertébrés 139
NICOGHOSIAN, K. — (Voir E. HAUMONT *et al.*).... 579
NINFALI, P., A. ACCORSI, F. PALMA, A. FAZI, E. PIATTI, L. CHIARANTINI and G. FORNAINI. — Human erythrocyte phosphoglucomutase : comparison of the kinetic properties of PGM_1 and PGM_2 isoenzymes 617
NINIO, J. — (Voir C. PAPANICOLAOU *et al.*)..... 115

OBLED, A., A. OUALI and C. VALIN. — Cysteine proteinase content of rat muscle lysosomes. Evidence for an unusual proteinase activity..... 609
ORSONNEAU, J.L. — (Voir P. BLANCHARDIE, *et al.*) 505
OTT, M.-O. — (Voir L. SPERLING *et al.*) 701
OUALI, A. — (Voir A. COBLED *et al.*)..... 609

PALMA, F. — (Voir P. NINFALI *et al.*) 617
PAPANICOLAOU, C., M. DORIZZI and J. NINIO. — A memory effect in DNA replication..... 115
PARRA, C. — (Voir J.-C. BERTRAND *et al.*) 583
PELLETIER, G. — (Voir R. St-ARNAUD *et al.*) 515
PENNINCKX, M.J. — (Voir C.J. JASPERS *et al.*)..... 71
PENIT-SORIA, J. — (Voir C. VAN RENTERGHEM *et al.*) 135
PÉRON-RENNER, M. — (Voir N. LEVILLIERS *et al.*) 531
PETERSEN, H.U., G.E. SIBOSKA, B.F.C. CLARK, R.H. BUCKINGHAM, C. HOUNTONDJI and S. BLANQUET. — Interaction between dimeric methionyl-tRNA synthetase and methionine accepting tRNAs from *E. coli*. Studies by partial ribonuclease digestion 625
PIATTI, E. — (Voir P. NINFALI *et al.*)..... 617
PIERRE, A. — (Voir G. VILLANI *et al.*) 471
PINCK, L. — (Voir M. PINCK *et al.*) 539
PINCK, L. — (Voir M. RAVELONANDRO *et al.*)..... 395
PINCK, M. — (Voir M. RAVELONANDRO *et al.*) 395
PINCK, M., E. GUILLEY, A. DURR, M. HOFF, L. PINCK and J. FLECK. — Complete sequence of one of the mRNAs coding for the small subunit of ribulose bisphosphate carboxylase of *Nicotiana sylvestris*..... 539
PIXA, G. — (Voir A.-C. DOCK *et al.*)..... 179
PIXA, G. — (Voir G. KEITH *et al.*) 639
PLAQUET, R. — (Voir O. VINCENT-FIQUET *et al.*) 171
PLAQUET, R. — (Voir O. VINCENT-FIQUET *et al.*) 43
POLONOVSKI, J. — (Voir O. COLARD *et al.*) 215
POLONOVSKI, J. — (Voir S. SALMON *et al.*)..... 159
PORTET, R. — (Voir R. BERTIN *et al.*) 569
PORTET, R. — (Voir C. SENAULT *et al.*) 573
PRADEL, L.-A. — (Voir M.-F. CARLIER *et al.*)..... 305
PRIGENT, A.-F. — (Voir G. NEMOZ *et al.*)..... 139
PRIMAUX, F. — (Voir M.-J. VILAREM *et al.*) 591
PRIVAT, J.P. — (Voir D. GENEST *et al.*) 631
PUDLES, J. — (Voir N. LEVILLIERS *et al.*)..... 531
PUGET, K. — (Voir A.M. MICHELSON *et al.*)..... 437

QUASH, G. — (Voir J.-P. MOULINOUX *et al.*)..... 385
QUEMENER, V. — (Voir J.-P. MOULINOUX *et al.*).. 385

RADJABI-NASSAB, F., C. RAMILIARISON, C. MONNERET and E. VILKAS. — Further studies of the glucomannan from *Aloe vahombe* (liliaceae). II. Partial hydrolyses and NMR ^{13}C studies 563
RAMILIARISON, C. — (Voir F. RADJABI-NASSAB *et al.*) 563
RATHELOT, J. — (Voir I. BOSC-BIERNE *et al.*) 413
RAVELONANDRO, M., M. PINCK and L. PINCK. — Complete nucleotide sequence of RNA 3 from Alfalfa mosaic virus, strain S 395
RAY, M.K. — (Voir P.S. BASU *et al.*)..... 487
RAYMONDJEAN, M., S.-A. LEIBOVITCH, M.-P. LEIBOVITCH, J. HAREL and J. KRUH. — Early effects of triidothyronine on the complexity of rat heart messenger RNAs 601
REBEYROTTE, N. — (Voir M.-A. CARBONNEAU *et al.*) 319

REBEYROTTE, P. — (Voir M.-A. CARBONNEAU *et al.*) 319

REBOUD, A.-M., S. DUBOST and J.-P. REBOUD. — Sucrose modifies ribosomal stability and conformation 251

REBOUD, J.-P. — (Voir A.-M. REBOUD *et al.*) 251

REY, F.A. and C. DUMAS. — FFT method to compute solution X-ray scattering curves 121

ROGEZ, J.-C. — (Voir O. VINCENT-FIQUET *et al.*) 171

ROUCOUS, C. — (Voir A.F. CHAFFOTTE *et al.*)..... 49

SAINT-ARNAUD, R., J.G. CHABOT, G. PELLETIER, F. LABRIE et P. WALKER. — Le facteur de croissance épidermique structure, localisation, phosphorylation et régulation de son récepteur 515

SALLES, B. — (Voir G. VILLANI *et al.*) 471

SALMON, S., L. THÉRON, I. BEUCLER, M. AYRAULT-JARRIER and J. POLONOVSKI. — Dissociation of human serum low density lipoproteins into several immunologically distinct subunits. Isolation and characterization of a B-III subunit..... 159

SARDA, L. — (Voir I. BOSC-BIERNE *et al.*) 413

SENAULT, C., V. LE COMTE and R. PORTET. — Characteristics of B-adrenergic receptors in isolated cells and in crude membranes of brown adipose tissue..... 573

SENER, A. — (Voir F. MALAISSE-LAGAE *et al.*) 723

SENER, A. and W.J. MALAISSE. — Inhibition by L-valine and L-norleucine of 3-phenylpyruvate-induced insulin release 353

SEYDOUX, F. — (Voir A.F. CHAFFOTE *et al.*)..... 49

SIBOSKA, G.E. — (Voir H.U. PETERSEN *et al.*)..... 625

SIBOLD, L., N. GUISO, M. de BEUCKELEER and M. VAN MONTAGU. — Cloning and expression in *Escherichia coli* of the TL-DNA gene 4 of *Agrobacterium tumefaciens* under the control of the P_r promoter of bacteriophage λ..... 547

SIMON, C. — (Voir M.-F. CARLIER *et al.*) 305

SINE, J.-P. et C. CAYE-VAUGIEN. — Propriétés et caractérisation des formes solubilisées de l'acétylcholinestérase du lymphocyte de bœuf 203

SPERLING, L., M.-O. OTT and M.C. WEISS. — Albumin extinction followed by *de novo* methylation of its gene in somatic hybrids of rat hepatoma..... 701

STINNAKRE, J. — (Voir C. VAN RENTERGHEM *et al.*) 135

TABOURY, J.A. — (Voir M. GHOMI *et al.*) 87

TAILLANDIER, E. — (Voir M. GHOMI *et al.*)..... 87

TARDIEU, A. — (Voir A.F. CHAFFOTTE *et al.*) 49

TEGONI, M., J.-M. JANOT and F. LABEYRIE. — Modification of redox equilibria between heme and flavin within yeast flavocytochrome b_2 (L-lactate cytochrome *c* reductase) upon binding of pyruvate, the reaction product 127

THÉRON, L. — (Voir S. SALMON *et al.*) 159

THIERRY, J.-C. — (Voir A.-C. DOCK *et al.*)..... 179

TIJANE, M. — (Voir A.F. CHAFFOTTE *et al.*) 49

TORBET, J. — (Voir J.-M. FREYSSINET *et al.*) 81

TURZO, A. — (Voir J.M. LEGENDRE *et al.*) 429

VALIN, C. — (Voir A. OBLED *et al.*) 609

VAN MONTAGU, M. — (Voir L. SIBOLD *et al.*) 547

VAN RENTERGHEM, C., J. PENIT-SORIA and J. STINNAKRE. — β-adrenergic induced potassium current in *Xenopus* oocyte : involvement of cyclic *AMP* 135

VERBERT, A. — (Voir M. DUC DODON *et al.*) 493

VILAREM, M.-J., M.-P. GRAS, F. PRIMAUX and C.-J. LARSEN. — Effects of BD-40, an ellipticine analogue (aza-ellipticine) on cell cycle traverse and DNA synthesis in cultures of synchronized mouse fibroblasts 591

VILKAS, E. — (Voir F. RADJABI-NASSAB, *et al.*).... 563

VILLAR, E., J.A. CABEZAS and P. CALVO. — Purification, characterization and kinetics of β-*N*-acetylhexosaminidases A and B from the slug *Arion rufus* L 291

VILLANI, G., A. PIERRE and B. SALLES. — Quantification of SSB protein in *E. coli* and its variation during RECA protein induction 471

VINCENT-FIQUET, O., P. LEFLON, R. PLAQUET et G. BISERTE. — Caractérisation de l'activité L-thréonine désaminasique du foie de cobaye induite par un régime hyperprotidique..... 43

VINCENT-FIQUET, O., J.-C. ROGEZ and R. PLAQUET. — Swine liver L-leucine aminopeptidase : improved purification procedure 171

WALKER, P. — (Voir R. St-ARNAUD, *et al.*)..... 515

WEISS, M.C. — (Voir L. SPERLING *et al.*)..... 701

WIEWIOROWSKI, M. — (Voir M. BARCISZEWSKA *et al.*) 483

WOLFROM, C. — (Voir I. MYARA *et al.*) 445

YON, J.M. — (Voir A.F. CHAFFOTTE *et al.*)..... 49